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NOTES ON OKLAHOMA PLANTS¹

MILTON HOPKINS AND U. T. WATERFALL

IN checking over some recent collections of Oklahoma plants we find the following species either new to Oklahoma or, for various reasons, of special interest.

The collections have been made for the most part by the junior author; the determinations have been verified by the senior author and have, in most cases, been checked by him at the Gray Herbarium.²

TYPHA TRUXILLENSIS H. B. K. OKLAHOMA COUNTY: in ditch, southeast corner of packing plant, Southwest 15th and Agnew Streets, Oklahoma City, *U. T. Waterfall*, no. 3060.

This very unusual plant common to temperate and tropical South America, Central America, and the West Indies, north to southern California, Texas and Louisiana, very likely replaces *T. angustifolia* in the southwestern United States. Professor Fernald first called attention to its occurrence in Virginia³ and, puzzled by the tall forms of *Typha* which the junior author brought into the laboratory for determination, we studied all the specimens in the Bebb Herbarium, with the idea that this plant might prove to be that species. A duplicate specimen was sent to Professor Fernald and he verified our own tentative determination immediately. This represents an extension of range north from Texas. The senior author has since found it in the Arbuckle

¹ Contribution from the laboratory of the Dept. Plant Sciences, Univ. Okla., no. 78.

² The senior author is grateful to the Society of Sigma Xi whose Committee on Research Grants was kind enough to give him a grant-in-aid from its Alumni Fund for work at the Gray Herbarium during the summer of 1942.

³ RHODORA 37: 385-387. 1935.